

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 23, 2002

THOMAS J. PERKOWSKI, ESQ.
THOMAS J. PERKOWSKI, ESQ.
SOUNDVIEW PLAZA
1266 EAST MAIN STREET
STAMFORD, CONNECTICUT 06902

700013248A

700013248A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/22/2002

REEL/FRAME: 012724/0865
NUMBER OF PAGES: 16

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZHU, XIAOXUN

DOC DATE: 05/13/2002

ASSIGNOR:

AU, KA MAN

DOC DATE: 05/13/2002

ASSIGNOR:

GERMAINE, GENNADY

DOC DATE: 05/13/2002

ASSIGNOR:

KOLIS, GEORGE

DOC DATE: 05/13/2002

ASSIGNOR:

GOOD, TIMOTHY A.

DOC DATE: 05/13/2002

ASSIGNOR:

SCHNEE, MICHAEL D.

DOC DATE: 05/13/2002

ASSIGNOR:

BLAKE, ROBERT E.

DOC DATE: 05/13/2002

012724/0865 PAGE 2

ASSIGNOR: KNOWLES, CARL HARRY	DOC DATE: 05/14/2002
ASSIGNOR: GHOSH, SANKAR	DOC DATE: 05/13/2002
ASSIGNOR: NAYLOR, CHARLES A.	DOC DATE: 05/13/2002
ASSIGNOR: WILZ SR., DAVID M.	DOC DATE: 05/13/2002
ASSIGNOR: TSIKOS, CONSTANTINE J.	DOC DATE: 04/20/2002
ASSIGNOR: LODGE, FRANCIS E.	DOC DATE: 05/16/2002
ASSIGNOR: COLAVITO, STEPHEN J	DOC DATE: 04/18/2002
ASSIGNOR: ROCKSTEIN, GEORGE B.	DOC DATE: 05/20/2002
ASSIGNEE: METROLOGIO INSTRUMENTS, INC. 90 COLES ROAD BLACKWOOD, NEW JERSEY 08012	
SERIAL NUMBER: 10009368	FILING DATE:
PATENT NUMBER:	ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT ASSIGNMENT

For value received we, Xiaoxun Zhu, Ka Man Au, Gennady Germaine, George Kolis, Timothy A. Good, Michael D. Schnee, Robert E. Blake, Carl Harry Knowles, Sankar Ghosh, Charles Naylor, David M. Wilz, Sr., Constantine J. Tsikos, Francis Lodge, Stephen J. Colavito and George B. Rockstein hereby sell, assign and transfer to Metrologic Instruments, Inc., a corporation of New Jersey, having a place of business at 90 Coles Road, Blackwood, New Jersey 08012, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Serial No. 10/009,368 entitled "UNITARY PACKAGE IDENTIFICATION AND DIMENSIONING SYSTEM EMPLOYING LADAR-BASED SCANNING METHODS", filed December 7, 2001, for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

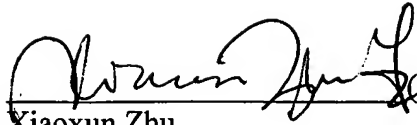
We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

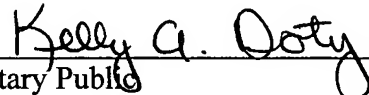
Patent Assignment in favor of
Metrologic Instruments, Inc.
USSN 10/009,368

Signed at Blackwood, New Jersey
this 13 day of May, 2002.


Xiaoxun Zhu (L.S.)

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared XIAOXUN ZHU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public

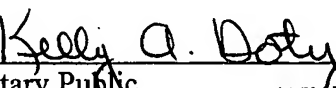
KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

Signed at Blackwood, New Jersey
this 13 day of May, 2002.


Ka Man Au (L.S.)

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared KA MAN AU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public


KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

Signed at Blackwood, New Jersey
this 13 day of May, 2002.

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

Kelly A. Doty
Notary Public
KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

Signed at Blackwood, New Jersey
this 13 day of May, 2002.

 (L.S.)
George Kulis

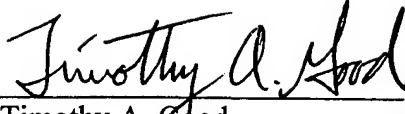
State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared GEORGE KOLIS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Kelly A. Doty
Notary Public
KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

Patent Assignment in favor of
Metrologic Instruments, Inc.
USSN 10/009,368

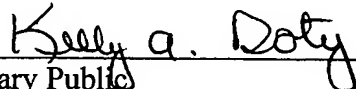
Signed at Blackwood, New Jersey
this 13th day of May, 2002.



Timothy A. Good (L.S.)

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

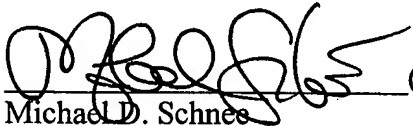
This day before me personally appeared TIMOTHY A. GOOD, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public

KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

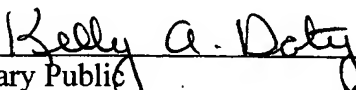
Signed at Blackwood, New Jersey
this 15th day of May, 2002.



Michael D. Schnee (L.S.)

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared MICHAEL D. SCHNEE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

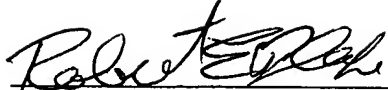


Notary Public

KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

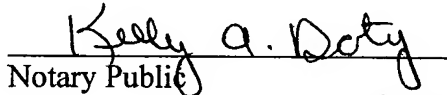
Patent Assignment in favor of
Metrologic Instruments, Inc.
USSN 10/009,368

Signed at Blackwood, New Jersey
this 13 day of MAY, 2002.

 (L.S.)
Robert E. Blake

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared ROBERT E. BLAKE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public

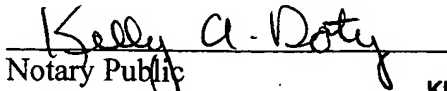
KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

Signed at Blackwood, New Jersey
this 14 day of May, 2002.

 (L.S.)
Carl Harry Knowles

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

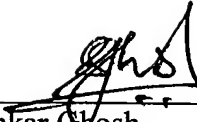
This day before me personally appeared CARL HARRY KNOWLES, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public

KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

Patent Assignment in favor of
Metrologic Instruments, Inc.
USSN 10/009,368

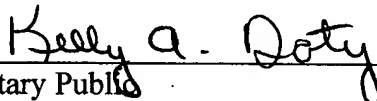
Signed at Blackwood, New Jersey
this 13 day of May, 2002.



Sankar Ghosh (L.S.)

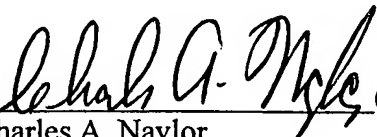
State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared SANKAR GHOSH, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public
KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

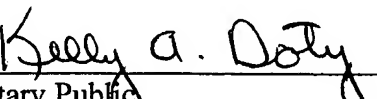
Signed at Blackwood, New Jersey
this 13 day of May, 2002.



Charles A. Naylor (L.S.)

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared CHARLES A. NAYLOR, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public
KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

Patent Assignment in favor of
Metrologic Instruments, Inc.
USSN 10/009,368

Signed at Blackwood, New Jersey
this 13 day of May, 2002.

David M. Wilz, Sr. (L.S.)
David M. Wilz, Sr.

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared DAVID M. WILZ, SR., who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Kelly A. Doty
Notary Public

KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

Signed at Blackwood, New Jersey
this 20 day of APRIL, 2002.

C. J. Tsikos (L.S.)
Constantine J. Tsikos

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared CONSTANTINE J. TSIKOS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Kelly A. Doty
Notary Public

KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

Patent Assignment in favor of
Metrologic Instruments, Inc.
USSN 10/009,368

Signed at Blackwood, New Jersey
this 16th day of May, 2002.

Francis E. Lodge (L.S.)
Francis E. Lodge

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared FRANCIS E. LODGE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Kelly A. Doty
Notary Public

KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

Signed at Blackwood, New Jersey
this 18 day of April, 2002.

Stephen J. Colavito (L.S.)
Stephen J. Colavito

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared STEPHEN J. COLAVITO, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Kelly A. Doty
Notary Public

KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007

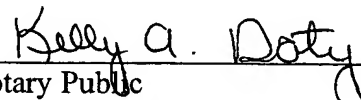
Patent Assignment in favor of
Metrologic Instruments, Inc.
USSN 10/009,368

Signed at Blackwood, New Jersey
this 20 day of May, 2002.


George B. Rockstein (L.S.)

State of New Jersey)
) ss:
County of ~~Gloucester~~)
 Camden

This day before me personally appeared GEORGE B. ROCKSTEIN, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public

KELLY A. DOTY
Notary Public of New Jersey
Commission Expires Jan 21, 2007



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 06, 1999

THOMAS J. PERKOWSKI, ESQ.
SOUNDVIEW PLAZA
1266 EAST MAIN STREET
STAMFORD, CT 06902



101112045A

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/20/1999

REEL/FRAME: 010142/0641
NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GOOD, TIMOTHY A.

DOC DATE: 05/27/1999

ASSIGNOR:

ZHU, XIAOXUN

DOC DATE: 05/27/1999

ASSIGNOR:

WILZ, DAVID M. SR.

DOC DATE: 05/27/1999

ASSIGNOR:

ROCKSTEIN, GEORGE B.

DOC DATE: 05/28/1999

ASSIGNOR:

COLAVITO, STEPHEN J.

DOC DATE: 05/28/1999

ASSIGNOR:

BLAKE, ROBERT E.

DOC DATE: 05/28/1999

ASSIGNOR:

AU, KA MAN

DOC DATE: 05/28/1999

10/6/99 RECEIVED

OCT 21 1999

ASSIGNOR:
GHOSH, SANKAR

DOC DATE: 05/28/1999

ASSIGNOR:
KOLIS, GEORGE

DOC DATE: 05/28/1999

ASSIGNOR:
SCOTT, IAN A.

DOC DATE: 05/28/1999

ASSIGNOR:
AMUNDSEN, THOMAS

DOC DATE: 05/28/1999

ASSIGNOR:
GERMAINE, GENNADY

DOC DATE: 05/28/1999

ASSIGNOR:
DEHENNIS, ANDREW D.

DOC DATE: 07/01/1999

ASSIGNOR:
DICKSON, LEROY

DOC DATE: 06/08/1999

ASSIGNOR:
KNOWLES, CARL HARRY

DOC DATE: 05/27/1999

ASSIGNEE:
METROLOGIC INSTRUMENTS, INC.
90 COLES ROAD
BLACKWOOD, NEW JERSEY 08012

SERIAL NUMBER: 09275518
PATENT NUMBER:

FILING DATE: 03/24/1999
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT ASSIGNMENT

For value received we, Timothy A. Good, Xiaoxun Zhu, David M. Wilz, Sr., George B. Rockstein, Stephen J. Colavito, Robert E. Blake, Ka Man Au, Sankar Ghosh, George Kolis, Ian A. Scott, Thomas Amundsen, Gennady Germaine, Andrew D. Dehennis, LeRoy Dickson, and Carl Harry Knowles hereby sell, assign and transfer to Metrologic Instruments, Inc., a corporation of New Jersey, having a place of business at 90 Coles Road, Blackwood, New Jersey 08012, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Serial No. 09/275,518 entitled "AUTOMATED SYSTEM AND METHOD FOR IDENTIFYING AND MEASURING PACKAGES TRANSPORTED THROUGH A LASER SCANNING TUNNEL," filed March 24, 1999 for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey
this 27 day of May, 1999

Timothy A. Good (L.S.)
Timothy A. Good

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared TIMOTHY A. GOOD, who
acknowledged the foregoing instrument and subscribed by him to be his
free act and deed.

Kelly A. Doty
Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey
this 27 day of May, 1999

Xiaoxun Zhu (L.S.)
Xiaoxun Zhu

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared XIAOXUN ZHU, who
acknowledged the foregoing instrument and subscribed by him to be his
free act and deed.

Kelly A. Doty
Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey
this 27 day of May, 1999

David M. Wilz, Sr. (L.S.)
David M. Wilz, Sr.

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared DAVID M. WILZ, SR., who
acknowledged the foregoing instrument and subscribed by him to be his
free act and deed.

Kelly Doty
Notary Public
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey
this 26 day of May, 1999

George B. Rockstein (L.S.)
George B. Rockstein

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared GEORGE B. ROCKSTEIN,
who acknowledged the foregoing instrument and subscribed by him to be
his free act and deed.

Kelly A. Doty
Notary Public
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

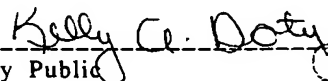
Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey
this 28 day of May, 1999

 (L.S.)
Stephen J. Colavito


State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared STEPHEN J. COLAVITO,
who acknowledged the foregoing instrument and subscribed by him to be
his free act and deed.

_____
Notary Public

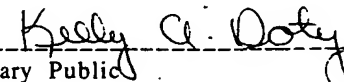
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey
this 29 day of May, 1999

 (L.S.)
Robert E. Blake

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared ROBERT E. BLAKE, who
acknowledged the foregoing instrument and subscribed by him to be his
free act and deed.

_____
Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000

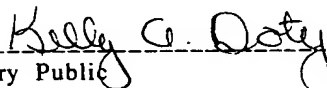
Signed at Blackwood, New Jersey
this 28 day of May, 1999



Ka Man Au (U.S.)

State of New Jersey)
) ss:
County of Gloucester)


This day before me personally appeared KA MAN AU, who
acknowledged the foregoing instrument and subscribed by him to be his
free act and deed.



Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

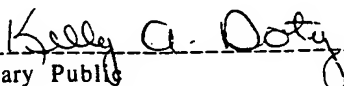
Signed at Blackwood, New Jersey
this 28 day of May, 1999



Sankar Ghosh (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared SANKAR GHOSH, who
acknowledged the foregoing instrument and subscribed by him to be his
free act and deed.



Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

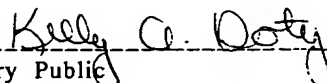
Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey
this 26 day of May, 1999


_____(L.S.)
George Kolis

State of New Jersey)
) ss:
County of Gloucester)

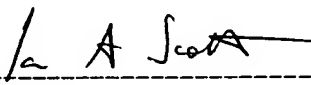
This day before me personally appeared GEORGE KOLIS, who
acknowledged the foregoing instrument and subscribed by him to be his
free act and deed.



Notary Public

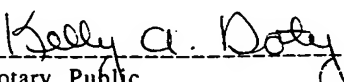
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey
this 26 day of May, 1999


_____(L.S.)
Ian A. Scott

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared IAN A. SCOTT, who
acknowledged the foregoing instrument and subscribed by him to be his
free act and deed.

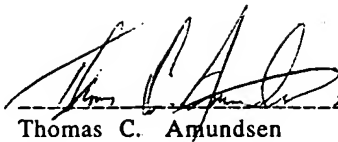


Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000

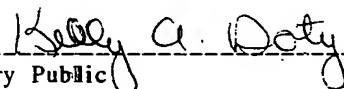
Signed at Blackwood, New Jersey
this 26 day of May, 1999.



Thomas C. Amundsen 5-28-99 (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

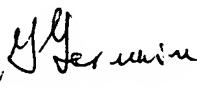
This day before me personally appeared THOMAS C. AMUNDSEN,
who acknowledged the foregoing instrument and subscribed by him to be
his free act and deed.



Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

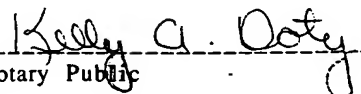
Signed at Blackwood, New Jersey
this 26 day of May, 1999



Gennady Germaine (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared GENNADY GERMAINE, who
acknowledged the foregoing instrument and subscribed by him to be his
free act and deed.




Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

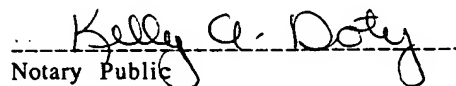
Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey
this 27 day of May, 1999.

 (L.S.)
C. Harry Knowles

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared C. HARRY KNOWLES, who
acknowledged the foregoing instrument and subscribed by him to be his
free act and deed.


Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002